

## 5      Figure 1    Human Resistin Polynucleotide (SEQ ID NO: 1)

ATGAAAGCTCTCTGTCTCCTCCTCCTCCCTGTCCTGGGGCTGTTGGTGTCTAGCAAGACCCT  
GTGCTCCATGGAAGAAGCCATCAATGAGAGGATCCAGGAGGTCGCCGGCTCCCTAATATTTA  
GGGCAATAAGCAGCATTGGCCTGGAGTGCCAGAGCGTCACCTCCAGGGGGGACCTGGCTACT  
TGCCCCCGAGGCTTCGCCGTCACCGGCTGCACTTGTGGCTCCGCCTGTGGCTCGTGGGATGT  
10    GCGCGCCGAGACCACATGTCACTGCCAGTGCGCGGGCATGGACTGGACCGGAGCGCGCTGCT  
GTCGTGTGCAGCCCTGA

## Figure 2      Human Resistin Polypeptide (SEQ ID NO: 2)

MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLEQSVTSRGDLAT  
15    CPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTGARCCRVQP\*

## Figure 3      Mature Human Resistin Polypeptide (SEQ ID NO: 3)

KTLCSMEEAINERIQEVAGSLIFRAISSIGLEQSVTSRGDLATCPRGFAVTGCTCGSACGS  
WDVRAETTCHCQCAGMDWTGARCCRVQP\*

20

5

Figure 4 Clustal W Alignment of Resistin-like Proteins

	WO9858061	100.0%	MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
10	WO9911293	99.1%	MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
	resistin	100.0%	MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
	WO0005259	99.1%	MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
	WO9931236	96.3%	MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGRG
	consensus/100%		MKALCLLLLPLVLGLLVSSKTLCSMEEAINER.QEVAGSLIFRAISSIGXX
15	consensus/80%		MKALCLLLLPLVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
	WO9858061	100.0%	CQSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
	WO9911293	99.1%	CQSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
20	resistin	100.0%	CQSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
	WO0005259	99.1%	CQSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
	WO9931236	96.3%	SESVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
	consensus/100%		XXSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
25	consensus/80%		CQSVTSRGLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
	WO9858061	100.0%	ARCCRVQP- (SEQ ID NO: 2)
	WO9911293	99.1%	ARCCRVQP- (SEQ ID NO: 4)
	resistin	100.0%	ARCCRVQP- (SEQ ID NO: 2)
30	WO0005259	99.1%	ARCCRVQP- (SEQ ID NO: 5)
	WO9931236	96.3%	ARCCRVQP- (SEQ ID NO: 6)
	consensus/100%		ARCCRVQP. (SEQ ID NO: 7)
	consensus/80%		ARCCRVQP (SEQ ID NO: 2)

## 5 Figure 5

Alignment of rat, mouse and human resistin proteins.

	rat	1	MKNLSFLLLFLFFLVGLLG	20	
	mouse		MKNLSFPLLFLFFLVPELLG		
10	human	1	MKALCLLLLPV--LG--LLV	16	
	rat	21	PSMSLCPMDEAISKKINQDF	40	
	mouse		SSMPLCPIDEAIDKKIKQDF		
15	human	17	SSKTLCSMEEAINERIQEVA	36	
	rat	41	SLLPAAMKNTVLHCWSVSS	60	
	mouse		NSLFPNAIKNIGLNCWTVSS		
20	human	37	GSLIFRAISSIGLECQSVTS	56	
	rat	61	RGRLASCPGTTVTSCSCGS	80	
	mouse		RGKLASCPGTAVLSCSCGS		
25	human	57	RGDLATCPRGFAVTGCTCGS	67	
	rat	81	GCGSWDVREDTMCHCQCGSI	100	
	mouse		ACGSWDIREEKVCHCQCARI		
30	human	77	ACGSWDVRAETTCHCQCAGM	96	
	rat	101	DWTAARCCTLRVGS	114	(SEQ ID NO: 13)
	mouse		DWTAARCCCKLQVAS		(SEQ ID NO: 14)
35	human	97	DWTGARCCRVQP	108	(SEQ ID NO: 2)

5 Figure 6  
Hematopoietic Cell Differentiation Scheme

